



Docket No.: 102-1024

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re f	Patent App	lication of:	
Sung-	hee LEE e	t al.	
Applic	cation No.:	10/823,674	Group Art Unit: 2621
Filed:	April 14,	2004	Examiner: Unassigned
For:		TUS TO PROVIDE BLOCK-BA THEREOF	ASED MOTION COMPENSATION AND A
		INFORMATION DISC	LOSURE STATEMENT
	tant Comm ington, D.C	issioner for Patents C. 20231	
Sir:	, •		
subje	led certain ct U.S. pate	information which the Examine	e provisions of 37 CFR § 1.56, there is hereby in may consider material to the examination of the that the Examiner make this information of record a subject application.
1. 🛭	☑ Enclos	ures accompanying this Informa	ation Disclosure Statement are:
	1a. \(\bar{\sqrt{2}} \) 1b. \(\bar{\sqrt{2}} \) 1c. \(\bar{\sqrt{2}} \) 1d. \(\bar{\sqrt{2}} \) 1e. \(\bar{\sqrt{2}} \) 1f. \(\bar{\sqrt{2}} \)	Copies of IDS citations. An English language copy application or a PCT Intern English language translation language publication. Explanations of Relevancy providing a concise explanation Application.	of search report(s) from a counterpart foreign ational Search Report. on (abstracts only) attached to each non-English of References (ATTACHMENT 1(e), hereto) for ation of each non-English publication. ions (ATTACHMENT 1(f), hereto). If Documents (ATTACHMENT 1(g), hereto).
2. 🛭	This In	formation Disclosure Statemen	t is filed under 37 CFR §1.97(b):
	2a.	Within three months of the Continued Prosecution App Within three months of the §1.491 in an international a Before the mailing of a first	date of entry of the national stage as set forth in application. Office Action on the merits; or Office Action after the filing of a Request for

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3.		specified i	mation Disclosure Statement is filed under 37 CFR §1.97(c) after the period n paragraph 2 above, but before the mailing date of any of a Final Office der §1.113, a Notice of Allowance under §1.311 or an action that otherwise secution in the application, AND (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
٠		3a. ☐ 3b. ☐	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.
			to be charged to Deposit Account No. 502827.
4.			mation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND The §1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed to be charged to Deposit Account No. 502827.
5.	\boxtimes	Statemen	t under §1.97(e) (applicable if Item 3a or Item 4 is checked)
		5a. 🛚	(Check either Item 5a or 5b) In accordance with 37 CFR §1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this
		5b. 🗌	Information Disclosure Statement. In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification aftermaking reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.		This is a (1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §
		_	(Check appropriate Items 6a and/or 6b)
		6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, have been omitted pursuant to 37 CFR § 1.98(d).
		6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No. , filed on , and

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which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, are provided herewith.

7.		This is a continuation/divisional application under 37 CFR §1.53(d) or Request for Continued Examination under 37 CFR 1.114.		
			(Check either Item 7a or 7b)	
		7a.	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR §1.313(c) is filed concurrently herewith or has been granted. A continuation application under 37 CFR §1.53(d) or Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.	
8.		This is a	Supplemental Information Disclosure Statement.	
			(Check either Item 8a or 8b)	
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on	
		8b. 🗌	This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97 and 1.98, mailed (MPEP 609 C(1), Form & 6.49, Rev. 1, Feb. 2000, pp. 600-107)	
9.			nce with 37 CFR §1.98, a concise explanation of what is presently I to be the relevance of each non-English language publication is:	
			(Check appropriate Items 9a, 9b, 9c and/or 9d)	
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)	
		9b. 9c.	set forth in the application. satisfied because an English language translation (complete or relevant	
		9d. 🗌	portion(s)) is attached to each non-English language publication. enclosed as Attachment 1(e), hereto.	
10.	be se	e, material earch repo	on is made that the information cited in this Statement is, or is considered to to patentability nor a representation that a search has been made (other than rt(s) from a counterpart foreign application or a PCT International Search bmitted herewith). 37 CFR §§ 1.97(g) and (h).	

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11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 502827.

Respectfully submitted,

STANZIONE & KIM, LLP

Dated: February 28, 2006

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PTO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449	В/РТО	c	Complete if Known		
		Application Number	10/823674		
INFORMAT	ION DISCLOSURE	Filing Date	4/14/2004		
STATEMEN	IT BY APPLICANT	First Named Inventor	Sung-hee LEE		
		Art Unit	2621		
(Use as ma	any sheets as necessary)	Examiner Name			
Sheet	of	Attorney Docket Number	102-1024		

		NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
•		Chinese Office Action issued on December 9, 2005 in Chinese Appln 200410044769X.	×
	**************	G. Heising et al.; "Wavelet-based very low bit-rate video coding using image warping and overlapped block motion compensation"; IEEE Proceedings: Vision, Image and Signal Processing, Vol. 148, No. 2, April 2001; pp. 93-101.	
		Byung-Tae Choi et al.; "New Frame Rate Up-Conversion Using Bi-Directional Motion Estimation"; IEEE Transactions on Consumer Electronics, Vol. 46, No. 3, pp. 603-609.	
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Examiner	Date	· 1
Signature	Considere	d

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.